

Name Dr. R.P. Sharma
Date of birth 01/07/1973
Designation Sr. Scientist (Soil Science)
Qualification Ph.D.
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Educational Qualifications

Ph.D (Soil Science), MPUA&T, Udaipur (2008); M.Sc (Soil Science & Agriculture Chemistry), SKRAU, Bikaner (1999). B.Sc. (Ag.) Hons., SKRAU, Bikaner (1997).

Professional Experience

Position	Institute	Joining Date
Sr. Scientist	ICAR-NBSS&LUP RC, Udaipur	19.04.2022
Sr. Scientist	ICAR-NBSS&LUP, Nagpur	07/01/2017
Scientist	ICAR-NBSS&LUP, Nagpur	16.06.2015
Scientist	ICAR-NBSS&LUP RC, Udaipur	05.04.2012
Scientist	ICAR-IIVR, SPC, Kushinagar	04.10.2011
Scientist	ICAR-IIVR, Varanasi	15.05.2008
Scientist	ICAR-NAARM, Hyderabad	07.01.2008
Sr. Tech. Assistant	ICAR-NBSS&LUP, Nagpur	04.08.2004
Technical Assistant	ICAR-NBSS&LUP, Nagpur	04.08.1999

Research Areas

Land Resource Inventory (LRI), Soil correlation, classification and mapping at 1:10K for Land Use Planning
 Sustainable land use planning of aspirational districts
 Clay mineralogy and pedogenesis in arid and semi-arid regions of India
 Soil health card generation and fertilizer recommendation
 Digital Soil Mapping

International Experience

Nil

Awards

1. Best Paper award received for the paper entitled "Spatial Variability Assessment of Soil Fertility in Black Soils of Central India Using Geostatistical Modelling" presented in an the International Conference on "Soil and Water Resources Management for Climate Smart Agriculture, Global Food and Livelihood Security" jointly organized by Soil Conservation Society of India (SCSI), World Association of Soil and Water Conservation (WASWAC) and the International Soil Conservation Organization (ISCO) at NASC, Complex, New Delhi during 5-9 November, 2019.
2. Best Paper award received for the paper entitled "Soil moisture release behaviour and irrigation scheduling for Aravalli soils of Eastern Rajasthan Uplands" published by Journal of Soil and Water Conservation 13 (1), 58-67, Soil Conservation Society of India (SCSI), New Delhi in year 2014.
3. ICAR Fellowship during B.Sc. (Ag) Hon's Programme from 1993-1999.
4. University Merit Fellowship during M. Sc. (Ag) Soil Science Programme from 1997-1999.
5. Gold Medal for being University topper in M. Sc. (Ag) Soil Science & Agricultural Chemistry in the year of 1999.
6. Awarded merit certificate to stand first in "Senior Soil Science Aptitude Test-2006" conducted by Indian Society of Soil Science, Udaipur Chapter, during the period of Ph.D. research.
7. Received Dr. K. L. Totawat Award for securing highest position in the PhD. In 9th National Convention of RCA Alumni Association, Rajasthan College of Agriculture, Udaipur.

Honours/Recognitions

1. LEADERSHIP AWARD 2019: Received the "Leadership Award-2019" for significant contribution in delineation of the extent of land degradation and status of wastelands in Rajasthan for soil and water

conservation planning and development of soil carbon stock map of India by Soil Conservation Society of India (SCSI), New Delhi.

2. Appreciation letter by NITI Aayog, New Delhi Letter No. 87555/2019/ADP/CEO/NITI dated 24/10/2019: Director and entire team of contributors were appreciated by NITI Aayog for bringing out the publication "Sustainable Agriculture Land Use Planning in 27 Aspirational District of India".
3. Professional Society Award: Member of Executive Council (Western Zone) 2014-2016, Indian Society of Soil Survey and Land Use Planning, Nagpur.

Ten Best Research Papers along with NAAS Rating-2022

SNo	Publication	NAAS Rating
1.	Sharma RP , Chattaraj S, Jangir A, Tiwari G, Dash B, Daripa A, & Naitam RK (2022). Geospatial variability mapping of soil nutrients for site specific input optimization in a part of central India. <i>Agronomy Journal</i> , 1–11. https://doi.org/10.1002/agj2.21025	8.24
2.	Sharma RP , Chattaraj S, Vasu D, Karthikeyan K, Tiwary P, Naitam RK, Dash B, Tiwari G, Jangir A, Daripa A, Singh SK, Anantwar SG and Nimkar AM (2020) Spatial variability assessment of soil fertility in black soils of central India using geostatistical modeling. <i>Archives of Agronomy and Soil Science</i> , 67(7):876-888. DOI:10.1080/03650340.2020.1766678	9.09
3.	Sharma RP , Singh RS, Singh SK, Sharma SS (2019) Weathered basalt application for management of Vertisols: A traditional knowledge of groundnut (<i>Arachis hypogaea</i>) growers of Gujarat, India. <i>Indian Journal of Traditional Knowledge</i> , 18(4): 793-799.	6.76
4.	Sharma RP , Raja P and Bhaskar BP (2020) Pedogenesis and mineralogy of alluvial soils from semi-arid southeastern part of Rajasthan in Aravalli range, India. <i>Journal of the Geological Society of India</i> , 95 (1):59-66. DOI: 10.1007/s12594-020-1386-3	7.46
5.	Vasu, D., Tiwari, G., Sahoo, S., Dash, B., Jangir, A., Sharma, R.P. , Naitam, R., Tiwary, P., Karthikeyan, K., Chandran, P. (2021). A minimum data set of soil morphological properties for quantifying soil quality in coastal agroecosystems. <i>Catena</i> , 198:105042 https://doi.org/10.1016/j.catena.2020 .	11.20
6.	Sharma RP , Singh RS, Singh SK (2019) Significance of clay minerals in development of alluvial soils of Aravalli range. <i>Indian Journal of Geo-Marine Sciences</i> , 48(11):1783-1795.	6.50
7.	Sharma RP , Singh RS, Naitam RK, Singh SK (2019) Technique of large-scale soil mapping using remote sensing satellite data in basaltic terrain of peninsular region in the north-west Gujarat, India. <i>Journal of the Indian Society of Soil Science</i> , 67(2):151-159. DOI: 10.5958/0974-0228.2019.00016.1	5.31
8.	Sharma RP and Singh RS (2015). Carbon Stock and its Management in Soils of Bhilwara District, Rajasthan. <i>Journal of the Indian Society of Soil Science</i> , 63 (3): 304-309. DOI: 10.5958/0974-0228.2015.00040.7	5.31
9.	Sharma RP , Singh RS, Verma TP, Tailor BL, Sharma SS, Singh SK (2014). Coriander the Taste of Vegetables: Present and Future Prospectus for Coriander Seed Production in Southeast Rajasthan. <i>Economic Affairs</i> , 59(3), 345-354.	5.08
10.	Sharma, R.P. , Singh, R.S., Singh, S.K. and Arora, S. (2018) Land Resource Inventory (LRI) for development of sustainable agricultural land use plans using geospatial techniques: A case study of PataMeghpar village, Jamnagar district, Gujarat. <i>Journal of Soil and Water Conservation</i> , 17(1): 15-24. DOI: 10.5958/2455-7145.2018.00003.6	5.20

Total Publications (Peer-reviewed journals only)

International:5

National:35

Google Scholar link:<https://scholar.google.com/citations?user=DwoXTBQAAAAJ&hl=en>

Research Gate link: <https://www.researchgate.net/profile/R-P-Sharma>